

# EAST BRS Search #1

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L42	2428	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	USPAT	OR	ON	2005/09/26 18:40
L43	87464	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	USPAT	OR	ON	2005/09/26 18:40
L44	568	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	USPAT	OR	ON	2005/09/26 18:40
L45	88591	L42 or L43 or L44	USPAT	OR	ON	2005/09/26 17:48
L46	168565	stroke	USPAT	OR	ON	2005/09/26 18:40
L47	903	L45 NEAR10 L46	USPAT	OR	ON	2005/09/26 17:49
L48	79668	(magnetic ADJ3 (medium or media or disk or disc)) or HDD or HDA or DASD	USPAT	OR	ON	2005/09/26 18:41
L49	69	L47 and L48	USPAT	OR	ON	2005/09/26 17:49
L51	1295	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	US-PGPUB	OR	ON	2005/09/26 19:04
L52	30073	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	US-PGPUB	OR	ON	2005/09/26 19:04

L53	420	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	US-PGPUB	OR	ON	2005/09/26 19:04
L54	30607	L51 or L52 or L53	US-PGPUB	OR	ON	2005/09/26 18:40
L55	47551	stroke	US-PGPUB	OR	ON	2005/09/26 19:04
L56	797	L54 NEAR10 L55	US-PGPUB	OR	ON	2005/09/26 18:41
L57	56715	(magnetic ADJ3 (medium or media or disk or disc)) or HDD or HDA or DASD	US-PGPUB	OR	ON	2005/09/26 19:04
<b>L58</b>	74	L56 and L57	US-PGPUB	OR	ON	2005/09/26 18:41
L59	140	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	EPO	OR	ON	2005/09/26 19:07
L60	3761	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	EPO	OR	ON	2005/09/26 19:07
L61	46	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	EPO	OR	ON	2005/09/26 19:10
L62	3880	L59 or L60 or L61	EPO	OR	ON	2005/09/26 19:04
L63	12305	stroke	EPO	OR	ON	2005/09/26 19:07
L64	26	L62 NEAR10 L63	EPO	OR	ON	2005/09/26 19:04
L65	174926	medium or media or disk or disc or storage or HDD or DASD or HDA	EPO	OR	ON	2005/09/26 19:07
<b>L66</b>	4	L64 and L65	EPO	OR	ON	2005/09/26 19:05
L67	325	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	JPO	OR	ON	2005/09/26 19:09

Searched circled L #'s

L68	11314	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	JPO	OR	ON	2005/09/26 19:10
L69	101	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	JPO	OR	ON	2005/09/26 19:07
L70	11599	L67 or L68 or L69	JPO	OR	ON	2005/09/26 19:07
L71	35406	stroke	JPO	OR	ON	2005/09/26 19:10
L72	69	L70 NEAR10 L71	JPO	OR	ON	2005/09/26 19:07
L73	808969	medium or media or disk or disc or storage or HDD, or DASD or HDA	JPO	OR	ON	2005/09/26 19:11
L74	8	L72 and L73	JPO	OR	ON	2005/09/26 19:08
L75	1083	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	DERWENT	OR	ON	2005/09/26 19:19
L76	21175	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	DERWENT	OR	ON	2005/09/26 19:19
L77	348	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	DERWENT	OR	ON	2005/09/26 19:19
L78	22087	L75 or L76 or L77	DERWENT	OR	ON	2005/09/26 19:10
L79	78909	stroke	DERWENT	OR	ON	2005/09/26 19:19
L80	130	L78 NEAR10 L79	DERWENT	OR	ON	2005/09/26 19:10
L81	1525401	medium or media or disk or disc or storage or HDD or DASD or HDA	DERWENT	OR	ON	2005/09/26 19:15

L82	16	L80 and L81	DERWENT	OR	ON	2005/09/26 19:15
L83	17	microactuator\$1 or milliactuator\$1 or picoactuator\$1 or (micro ADJ actuator\$1) or (milli ADJ actuator\$1) or (pico ADJ actuator\$1) or micropositioner\$1 or (micro ADJ positioner\$1) or subactuator\$1 or (sub ADJ actuator\$1)	IBM_TDB	OR	ON	2005/09/26 19:19
L84	218	(actuator\$1 or positioner\$1 or positioning or (displacement ADJ element\$1)) NEAR2 (auxiliary or second\$3 or fine\$2 or dual or two or multiple or plural\$3 or piezo or piezo-electric\$4 or piezoelectric\$4 or PZT or bimorph\$2 or MEM or MEMS or piggyback\$3 or (piggy ADJ3 back\$3) or electrostatic\$4 or (electro ADJ static\$4) or ((fast or high or wide or large) NEAR1 (resolution or response or bandwidth\$1 or (band ADJ width\$1))))	IBM_TDB	OR	ON	2005/09/26 19:19
L85	5	micro-actuator\$1 or milli-actuator\$1 or pico-actuator\$1 or micro-positioner\$1 or sub-actuator\$1	IBM_TDB	OR	ON	2005/09/26 19:19
L86	230	L83 or L84 or L85	IBM_TDB	OR	ON	2005/09/26 19:19
L87	724	stroke	IBM_TDB	OR	ON	2005/09/26 19:19
L88	0	L86 NEAR10 L87	IBM_TDB	OR	ON	2005/09/26 19:34

*Searched circled L #*